WELCOME

Thank you for choosing the CDM-8200, our new model, developed by top researchers to support the IS-95B system through Qualcom-manufactured MSM 3100 chips and CDMA technologies. This product allows for high speed communication services, such as web browsing and data & fax services.

Among its many advanced features, the T9 input mode makes it much easier to enter letters In addition, with proven technologies in detail as follows:

- Full graphic display of 5 text input line and 1 icon line with variable font size.
- Easy to enter letters through the T9 text input mode.
- Multilingual (English and French available)
- Enhanced for web browsing & data services (i.e.; wireless internet access, wireless fax send / receive Openwave.com, Up browser).

IMPORTANT INFORMATION

This CDM-8200 user guide contains very important information about how to handle and use the product. So please read this manual thoroughly. Please make sure that you don't drop the phone , apply any physical impact on, and immerse the phone. And also please pay attention to the warranty on the back page and be alert to the exclusions and limitations of your warranty, which are related with the unauthorized use of components.

TABLE OF CONTENTS

TABLE OF CONTENTS

TABLE OF CONTENTS

C
H
1

This package should include all items pictured below.
If any are missing or different, immediately contact the retailer where
you purchased the phone.

Handset
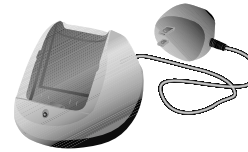
Desktop Charger

Standard Battery

User Manual

Handstrap

THE FUNCTION KEYS

Front Key

Side Key
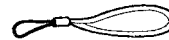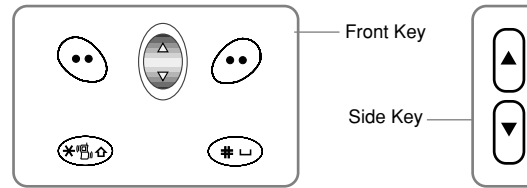
Press to make or receive a call.

Press to terminate a call or exit a current page, and turn the phone on/off.

Press to scroll through the items in the menu.

(Soft 1) Press to access the menu or function as shown in the bottom line of the display.

(Soft 2) Press to access the web browser and review a voice or text message, and return to the previous page.

Press to scroll through the items and adjust volume up/down.

Press and hold to set Manner Mode. In this mode, keypad tone is off and vibrator is on.

Press and hold to set the Keyguard mode.

BATTERY INSTALLATION

1 ❶ Place the battery on the back of the handset and slide into place. ❷ Push the battery down until it locks into place.
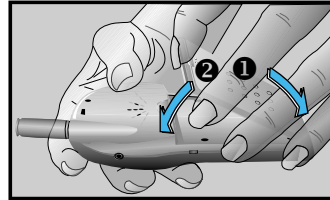
BATTERY REMOVAL

1 ❶ Pull down the release latch, ❷ lift up the battery and remove the battery from the handset.
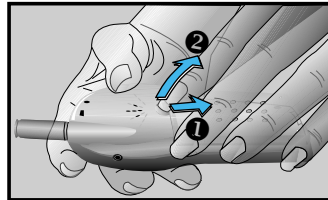
NOTE Securely place the battery to avoid slipping off during a call. To avoid losing any unsaved features and messages, turn off the phone before removing the battery.

BATTERY USAGE

CHARGING THE BATTERY ONLY

1 Detach battery from handset and place in charger.

● The red LED indicates charging is in progress.
● The green LED indicates charging is completed.
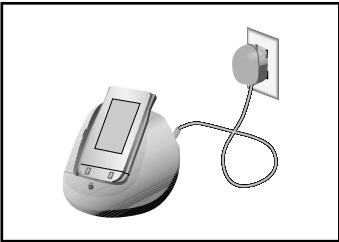
BATTERY LIFE (FOR NEW BATTERY)

The operating time is subject to your handset usage and configuration.

		Standard Battery (950 mAh)
Talk (min)	CDMA	170 min
	AMPS	130 min
	PCS	190 min
Stand by (hrs)	CDMA	160 hrs
	AMPS	12 hrs
	PCS	120 hrs

MEMO

TURNING THE PHONE ON

1 Press and hold [🔘], until the logo appears and the tone sounds.

!
- When "Password" appears on the display enter your 4-digit password to unlock your phone.
- The default password is the last 4 digits of your phone number.

TURNING THE PHONE OFF

1 Press and hold [🔘] until "Power off" displays.

NOTE
- Immediately change or recharge the battery when "Low Battery Warning Power Off" appears on the display. Memory may possibly be damaged if the phone turns off due to the battery completely draining.
- Turn the phone off before removing or replacing the battery. If the phone is on, data may be lost.

MENU SUMMARY

1 : PHONE BOOK	1 : CALL LOGS	1 : MISSED CALL 2 : ANSWERED CALL 3 : DIALED CALL
	2 : BY LOCATION 3 : BY NAME	
2 : SETTING	1 : AUTO RETRY	1 : INTERVAL 2 : REPEAT
	2 : AUTO ANSWER 3 : ONE-TOUCH 4 : VOICE PRIVACY 5 : BACKLIGHT 6 : LCD CONTRAST 7 : DISPLAY	1 : LOGO DISPLAY 2 : SCREEN SAVER
	8 : LANGUAGE 9 : WEB MENU	1 : WEB IDLE TIME 2 : UP PROXY IP
	0 : KEY GUARD	
3 : TONE	1 : RING MODE 2 : RING TYPE	1 : FIXED TYPE 2 : MY DOWNLOAD
	3 : KEYPAD 4 : SPEAKER MODE	
4 : TIMER	1 : LAST CALL 2 : ALL CALLS 3 : HOME CALLS 4 : ROAM CALLS	
5 : SPECIAL	1 : SCHEDULE	1 : LIST ALL 2 : INPUT SCHEDULE 3 : PAUSE ALL
	2 : STOPWATCH 3 : CALCULATOR 4 : BIORHYTHM	1 : TODAY 2 : SOMEDAY 3 : BIRTHDAY

MAKING A CALL

1 Enter a phone number.

T.ill ⌐ D◁III
XXX-XXX-XXXX
Call

T.ill ⌐ D◁III
00:00:01
XXX-XXX-XXXX
MENU ✉

NOTE **To modify the phone number you have entered :**

• Press [😶] to erase one digit at a time
• Press and hold [😶] to erase the entire number and input correct number again.

2 Press [↘].
The indicator "CALL" appears on the display

NOTE • If "CALL FAILED" appears on the display or the line is busy, press [📞] or [↘]
• If you activate the "AUTO RETRY" function, the phone will automatically retry for the number of times you have selected.

3 Press [📞] to end the call.

CH 2

ANSWERING A CALL

1 Press any key to answer the call except the volume buttons and [📞].

2 Press [📞] to end the call.

NOTE In Auto Answer Mode a call is automatically answered after a preset number of ring tones. See page 40 for more details.

CALLER ID FUNCTION

Displays the caller's name and phone number, if available, in the phone book.

NOTE The caller ID is stored in the call log.

CALL WAITING FUNCTION

Notifies of another incoming call when you are on the phone by making a beep sound and displays the caller's phone number on the screen.

1 Press [📞] to answer the other call. This places the first call on hold while answering the second call. Press [📞] again to switch back to the first call.

SENDING YOUR NUMBER TO A PAGER

Automatically transmits your phone number to a pager during a call without manually entering the number.

1 When connected to a pager and asked to enter your phone number, press [🙂][1].

SCRATCH PAD

Stores a new phone number during a call without the calling party hearing the keypad tones.

1 While on a call, press [🙂][2ABC].

2 Enter a phone number, press [🙂] and, then, save the phone number in the phonebook. (refer to page 30)

MUTE

The caller cannot hear you and any sound from your side, while you can hear his or her voice.

1 Press [🙂][3DEF].

● To unmute, press [🙂].

```
Tₐ₁₁  ⌒M    D(IIII
              00:00:38

       XXX-XXX-XXXX
MENU            OFF
```

VIEW PHONE

Displays your phone number during a call and automatically returns to the receiving mode in five minutes.

1 Press [🙂][4GHI].

VOICE PRIVACY

Enhances voice privacy during a call. This feature is system dependent and may not be available through all carriers.

1 Press [🙂][5JKL].

MEMO

STORING A PHONE NUMBER

The phonebook stores up to 100 numbers.

1 Enter a phone number (more than 3 digits) you want to store and press [😊], and [📞] "Store"

> *Location: XX*
>
> *XXX-XXXX-XXXX*
> STO   PREV
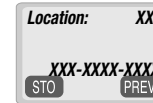
2 The next available location number is automatically displayed.
Press [😊] to store.

> *XX Location*
> *is Used*

● Enter the location number if you have a specific location number in mind or when you add another phone number to the

● "XX LOCATION IS USED" indicates that the location has already stored a phone number.
😊

3 Enter a name with digit keys (refer to page 30).

> *Location: XX*
> *Name?   Abc*
>
> STO   CLR

4 Use the navigation buttons to select one of the phone types mobile/home/office and press [😊].

> *Phone Num Type*
> *▶Mobile*
>
> SEL   PREV

5 Select "No" unless you want to make it secret and press [😊].

> *Make Secret*
> *▶No*
>
> SEL   PREV

> *Stored in*
> *Location XX*

STANDARD INPUT MODE

Enters letters using the digit keys.

1 Input the letters using the keypad as follows.

Keypad	1 Time	Repetitions 2 times	Repetitions 3 times	Repetitions 4 times	Repetitions 5 times
1	1	.	@	-	'
2ABC	A	B	C	2	A
3DEF	D	E	F	3	D
4GHI	G	H	I	4	G
:	:	:	:	:	:
9WXYZ	W	X	Y	Z	9

You can change the input mode by pressing [🔘].

2 Press [😊] to give a space and press [✳] to enter the next character.
The cursor automatically moves to the next column in two seconds.

3 Repeat until you enter all the letters you want. There is a 16-digit limit in the Name entry of the phonebook

4 Erasing letters
Press [😊] to delete one digit.
Press and hold [😊] to delete the entire number.

Select Abc mode, by pressing [😊].
When you select this mode, the abc icon appears as a visual confirmation.
- Find the key that corresponds to the letter you want to enter.
- Press it as many times as needed for the letter to appear on the screen.
- To enter the name "John":
  Press [5]   J
  Press [6][6][6]   o
  Press [4][4]   h
  Press [6][6]   n

Location: XX
Name?   Abc

STO   CLR

Name?   Abc
John

STO   CLR

NUMERIC MODE

Allows you to enter numbers.

1 Press [🔘] until a current input mode changes to the Numeric mode.

Message?   *123*
12345

NEXT   **5**   CLR

2 Press a digit key to enter a number.

SYMBOL MODE

Allows you to enter symbols.

1 Press [🔘] until the "Symbol mode" is on.

2 Press the number for the symbol you want to enter.

● Use the scroll keys on the side of the handset to view a different line of symbols.

Press [▲ ▼],

1 2 3 4 5 6 7 8 9 0
! @ # % & *< > -

NEXT   **0**   CLR

Press [▲ ▼],

1 2 3 4 5 6 7 8 9 0
_ + = : " ' ( ) / ~

NEXT   **0**   CLR

Press [▲ ▼],

1 2 3 4 5 6 7 8 9 0
\ ? . , { } $ [ ] ^

NEXT   **0**   CLR

C
H
3
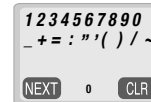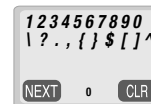
MEMO

To access the menu in standby mode press [😀]. Once in the menu, both [😀] and [😀] functions appear on the bottom line of the display.

Press [😀] in the standby mode to access menu function.

Press [😀] in the standby mode to access voice and text messages.

Press [▲] and [▼] to directly access the phonebook
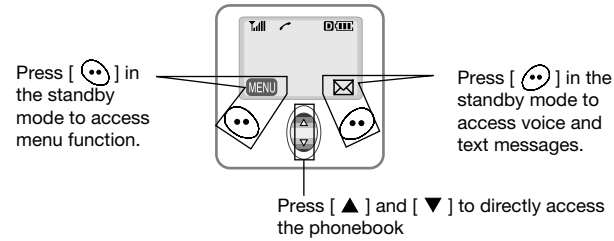
● **CALL LOGS**

Displays information about the last 10 missed, answered and dialed numbers. Places call by simply pressing [◌].

MISSED CALLS

1 Press [😀][1][1][1].

> ▶[01]XXXXXXXX
> [02]XXXXXXXXXX
> [03]XXXXX
>
> DTAL   DEL

2 Press [😀] to view the detail of a missed call when the number is highlighted.

> 1:20 Pm, 02/08
> [01]   XXXXXXXX
>
> STO   DEL
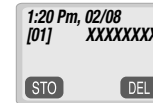
NOTE Details include date, time, and phone number of missed calls.

3 Use the scroll key to scroll through the last 10 missed calls and to select a number.

4 Press [◌] to dial the phone number of the missed call.

C
H
4

PHONEBOOK

RECALLING BY LOCATION

Recalls a number from the phonebook by pressing its location number.

1 Press [🔘][1...][2ABC].

Search Location?
__
STO   PREV

2 Enter a location number.
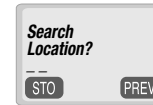
NOTE Use the navigation key instead of entering a location number to search, and press [🔘] to view the details of a selected number.

3 Search a phone number with the scroll key.

- [⬇][⬆] scroll through the phonebook
- [🔘] edit the phone #.
- [🔘] erase the phone #.
- [🔘][🔘] search mobile No./office No./ home number No./Email Address.

4 To dial the selected number press [📞].

● AUTO RETRY

Automatically retries a call up to 5 times after a set time interval.

INTERVAL

1 Press [🙂][2ABC][1.₋][1.₋].

2 Select a time interval option
(Off/3 seconds/5 seconds/7 seconds/10 seconds)
with the scroll key. Press [🙂] to save.

REPEAT

1 Press [🙂][2ABC][1.₋][2ABC].

2 Select one of the options
(1 time/3 times/5 times) with the scroll key.
Press [🙂] to save.

● AUTO ANSWER

Automatically answers a call after a preset number of rings. An ideal
setting for the hands-free car kit.

1 Press [🙂][2ABC][2ABC].

Auto Answer
▶ *1 Ring*

SEL   PREV

2 Select one from (Off/1 ring/3 rings) with the
scroll key. Press [🙂] to save.

NOTE This function will not be activated when you select Slide
bell, Vibrator, Silent, or Bell after vib as a ring mode.

CH 4

SETTING

● LCD CONTRAST

The LCD display contrast can be controlled in 7 levels.

1 Press [☺][2ABC][6MNO] and then the scroll keys to adjust the LCD contrast for better view.

> *LCD Contrast*
> ▶■■■□□□□
> SEL   PREV

2 Press [☺] to save.

● DISPLAY

Allows you to select a logo to display or screen saver on screen.

LOGO DISPLAY

1 Press [☺][2ABC][7PQRS][1. _].

> *Logo Display*
> ▶*Digital Watch*
> SEL   PREV

2 Select either "DIGITAL WATCH" or "DATE&TIME", then press [☺] to save.

SCREEN SAVER

1 Press [☺][2ABC][7PQRS][2ABC].

> *1:Setting*
> *2:Image List*
> SEL   PREV

2 Select "Setting" or "Image List" with the scroll key and press [☺] to save it.

> Setting : Press [☺] to select "Off/5 Seconds/10 Seconds/20 Seconds/".
> Image List : Press [☺] to select images.
> Press [☺] to delete the list file.

TONE

● RING MODE

Alerts you to incoming calls in the following modes:

1 Press [🔘][3ᴰᴱF][1.₋].

2 Select one of the following options (Ringer/Slide bell/Vibrator/Silent/Bell after vib) with the scroll key.

> ● Ringer
> ● Slide bell : The bell volumes up in 5 steps.
> ● Vibrator
> ● Silent
> ● Bell after Vib : The bell rings after 10 vibrations.

3 Press [🔘].

● RING TYPE

Select a ring type to alert you of an incoming call:

FIXED TYPE

1 Press [🔘][3ᴰᴱF][2ᴬᴮC][1.₋].

> *Ringer*
> ▶*Ringer 1*
>
> SEL   PREV

2 Select one of 13 available ring types.

> ● Tones (1-6).
> ● Melodies (7-13).

3 Press [🔘].

MY DOWNLOAD

1 Press [🔘][3ᴰᴱF][2ᴬᴮC][2ᴬᴮC].

> *1:Setting*
> *2:Sound List*
>
> SEL   PREV

2 Select "Setting" or "Sound List" with the scroll key and press [🔘] to save it.

> Setting : To select "1 Step~5 Steps" with the scroll key.
> Sound List : Press [🔘] to select "Midi file 1~Midi file 5".

44
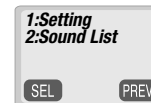
TIMER

Checks the talk time and manages your calls within the limit you set.
The four timers include:

● LAST CALL

Displays talk time of last call.

1 Press [😊][4 GHI][1 .-].

● ALL CALLS

Displays talk time of all incoming and outgoing calls, excluding web access calls.

1 Press [😊][4 GHI][2 ABC].

● HOME CALLS

Displays talk time of all calls made within Home area.

1 Press [😊][4 GHI][3 DEF].

● ROAM CALLS

Displays talk time of roaming calls.

1 Press [😊][4 GHI][4 GHI].

STOPWATCH

1 Press [😊][5JKL][2ABC].

2 Press [😊] / [😊] to use the stopwatch.

> Press [😊] to start or stop.
> Press [😊] for Split/Split Release /Initial/Previous.
> The time is displayed in a 100th unit of a second.

3 Press [📞] to exit and return to the initial display.

CALCULATOR

1 Press [😊][5JKL][3DEF].

2 To use the calculator.

> Definitions
> + : [🔼], - : [🔽], × : [✳️], ÷ : [#️⃣], = : [😊], . : [📞]
> You can enter up to 8 integer digits.
> There is no way to enter a decimal point.
> To express a negative number, you subtract its absolute value from 0.

e.g.
To calculate 128 × 32 =
1. Enter 128
2. Press[✳️]
3. Enter 32
4. Press [😊] to calculate it.

MIN ALERT

Sounds an alert every minute of a phone call.

1 Press [⊙][6ᴹᴺᴼ][1₋].

Min Alert
▶ *Off*

SEL   PREV

2 Select "On" or "Off" with the scroll key and press [⊙] to save it.

ROAM ALERT

Sounds an alert when leaving a service area and entering a roaming service area.

1 Press [⊙][6ᴹᴺᴼ][2ᴬᴮᶜ].

Roam Alert
▶ *Off*

SEL   PREV

2 Select "On" or "Off" with the scroll key and press [⊙] to save it.
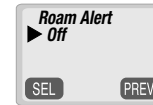
FADE ALERT

Sounds an alert when entering an area where calls cannot be made due to weak signal strength. The alert sounds in standby mode.

1 Press [⊙][6ᴹᴺᴼ][3ᴰᴱᶠ].

Fade Alert
▶ *Off*

SEL   PREV

2 Select "On" or "Off" with the scroll key and press [⊙] to save it.

C
H
4

RECEIVE MODE

1 Press [⊙][7PQRS][1.].

1:Receive Mode
2:Flow Control

SEL PREV

Receive Mode
▶ *Inactive*

SEL PREV
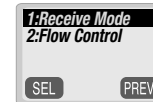
2 Select one from (INACTIVE/DATA/FAX) with the scroll key and press [⊙].

- INACTIVE : In use of the phone
- DATA : For use of data
- FAX : In use of a fax

FLOW CONTROL

Controls data flow when data service is received.

1 Press [⊙][7PQRS][2ABC].

1:Receive Mode
2:Flow Control

SEL PREV

Flow Control
▶ *Hardware*

SEL PREV

2 Select either "HARDWARE" or "SOFTWARE" with the scroll key and press [⊙] to save it.

- HARDWARE : Hardware flow control
- SOFTWARE : Software flow control
- (RECOMMEND : Hardware flow control)

● **AUTO NAM**

Automatically switches phone to proper NAM when you have multiple NAM registrations.

1 Press [🙂][8ᵀᵁⱽ][3ᴰᴱᶠ].

```
Auto NAM
▶ Yes

SEL        PREV
```
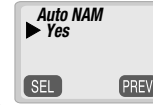
2 Select "Yes" or "No", then press [🙂] to save it.

● **PRL ID**

Displays the phone's PRL (Preferred Roaming List).

1 Press [🙂][8ᵀᵁⱽ][4ᴳᴴᴵ].

```
    PRL ID
            1

OK        PREV
```

● **FORCE ANALOG**

Temporarily forces phone to use Analogue mode – mode automatically ends in 10 minutes.

1 Press [🙂][8ᵀᵁⱽ][5ᴶᴷᴸ].

MEMO

● **AUTO LOCK**

Prevents others from using your phone without permission.
When locked, the menu cannot be accessed.

1 Press [😊][⊙] and enter
password.
Then press [①].

> *Auto Lock*
> ▶ *Off*
>
> SEL   PREV

NOTE

The default password is the last 4 digits of your phone
number.

2 Select one of the following options
(Power On/Off/On) with the scroll key and
press [😊].

> "POWER ON" : Locks your phone whenever
> it is turned on.
>
> "OFF" : Unlocks your phone and leave it
> unlocked.
>
> "ON" : Locks your phone as it is.

NOTE

Even if your phone is locked, you can still make an
emergency call, receive an incoming call, and set an alarm
function.

C
H
5

CHANGING YOUR BANNER

● CHANGE BANNER

Changes the banner that displays on the screen. It can be a maximum of 16 characters.

1 Press [🔹][0ᵒᵖᵉⁿ] and enter password.
Then press [3ᴰᴱᶠ].

> *Banner   abc*
> *Bell Mobility_*
>
> STO   CLR

2 Select an input mode by using [🔘].

(Please refer to page 30 for more details on entering letters and numbers.)

3 Enter a new banner then press [🔹].

RESTRICTING YOUR PHONE

● RESTRICT

Prevents the unauthorized use of the phone and the changing of settings. There are 5 different restriction modes available.

1 Press [🔹][0ᵒᵖᵉⁿ] and enter password.
Then press [4ᴳᴴᴵ].

> *Restrict?*
> ▶ *Yes*
>
> SEL   PREV

NOTE The default password is the last 4 digits of your phone number.

2 Select "Yes" to enable the restriction with the scroll key and press [🔹].

MEMORY

Blocks access to, and protects data in your phonebook.

1 Press [😊][0°°] and enter password, then [4 GHI]. Select "Yes" and press [3DEF]

Memory Only?
▶ *Allow*

SEL   PREV

2 Select "Allow" or "Restrict" with the scroll key.

RESTRICT : Restrict access to the phonebook.
ALLOW : Allow access to the phonebook.

3 Press [😊].

LONG DISTANCE CALLS

Restricts calling long distance numbers – the phone is limited to calling numbers within the area.

1 Press [😊][0°°] and enter password, then [4 GHI]. Select "Yes" and press [4 GHI]

Long Distance?
▶ *Allow*

SEL   PREV

2 Select "Allow" or "Restrict" with the scroll key.

RESTRICT : Restrict a long distance call.
ALLOW : Allow a long distance call.

3 Press [😊].

C
H
5

CLEARING THE PHONEBOOK

Clears all phonebook entries.

1 Press [🙂][0⁺] and enter password.
Press [6ᴹᴺᴼ][1.].

```
Clr Phone NO?
▶ No

SEL          PREV
```

NOTE The default password is the last 4 digits of your phone number.

2 Select "Yes" or "No" with the scroll key.
Press [🙂].

CLEARING SCHEDULES

Clears all schedules.

1 Press [🙂][0⁺] and enter password.
Then press [6ᴹᴺᴼ][2ᴬᴮᶜ].

```
Clr Schedule?
▶ No

SEL          PREV
```

2 Select "Yes" or "No" with the scroll key.
Press [🙂].

CLEARING YOUR MEMORY

CLR ROAM CALLS

Clears airtime used for roaming calls.

1 Press [🙂][0⁰ᴾᴱᴺ] and enter password.
Then press [6ᴹᴺᴼ][5ᴶᴷᴸ].

> *Clear Roam?*
> ▶ *No*
>
> SEL   PREV

NOTE The default password is the last 4 digits of your phone number.

2 Select "Yes" or "No" with the scroll key. Press [🙂].

VERSION

VERSION

Displays the version of your phone.

1 Press [🙂][0⁰ᴾᴱᴺ] and enter password.
Then press [7ᴾᵠᴿˢ].

> *VERSION (BELL)*
> *SW : htb08t12*
> *HW : Tx-21b.02*
>
> OK   PREV

WHEN A NEW MESSAGE ARRIVES

1 The following display appears when a new message arrives.

```
XX  New Text
XX  Voice Mail
From :

READ        CNCL
```

2 Press [ ] to display the received message.

```
  : Test1
  : Test2


DTAL        DEL
```

VOICE MAIL

Displays the number of voice mails and accesses them by pressing [ ].

1 Press [ ][ ].

The screen displays the number of new voice mails in your voice mailbox.

```
  1 Voice Mail
    To Listen
   Press  [SEND]
CB# :
*86
              CLR
```
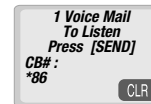
Press [ ] to access your voice mailbox.

3. EDIT MESSAGE

Edits messages.

1 Press [3] to change the text message.

Message?   *Abc*
How R U

NEXT   7   CLR

2 Input a new text message, and press [ ].

4. PRIORITY

Marks messages urgent.

1 Press [4] to send an urgent message. And select "Normal" or "Urgent" with the scroll key and press [ ].

Priority?
▶ *Normal*

SEL   PREV

5. CALL BACK

Allows you to input a specific call back number. Your phone number is the default.

1 Press [5] to change the call back number.

Call Back No.?

XXXXXXXXXX

NEXT ♦ Phone Book PREV

2 Input a call back number and press [ ].

6. SAVE

This allows you to save the message to use later.

1 Press [6] to save the text message.

Message saved

in 'outbox'
folder

NOTE

Message sending to multiple recipients
- When caller use the phonebook.
* : select the person*
*   (maximum 10 person).*

- When caller input the phone #.

❈ Be sure to make a space
*   after inputting phone #.*

Send To   123
XXXXXXXXXX X
XXXXXXXXX XX
XXXXXXXX …

NEXT ♦ Phone Book CLR

3. FORWARD

1 Press [3DEF] to forward the text message. Input a phone number and a text message.

> *Send to*   123
>
> NEXT ♦ Phone Book   CLR

> *Message?*   *Abc*
> *SMS Test1*
>
> NEXT   9   CLR

4. SAVE

1 Press [4GHI] to save the received text message in the "Filed" Folder.

> *Message Saved*
>
> *in 'filed'*
> *folder*

> ⚠ : *Test1*
> ✉ : *Test2*
> ✉ : *Test3*
> ✉ : *Test4*
> DTAL   DEL
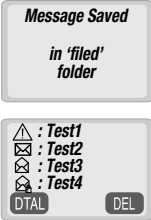
5. SAVE ADDRESS

1 Press [5JKL] to save the call back number of the message into the phone book.

6. LOCK & UNLOCK

1 Press [6MNO] to lock or unlock the text message.

> *Message Lock?*
> ▶ *Lock*
>
> SEL   PREV

2 Select "Lock" or "Unlock" with the scroll key. Then, press [😊].

> ⚠ : *Test1*
> ✉ : *Test2*
> ✉ : *Test3*
> ✉ : *Test4*
> DTAL   DEL

3. SEND TO

1 Press [3DEF] to send the message to another person.

2 Input a phone number and press [⌣].

> *Send To   123*
> *123456789*
>
> NEXT ♦ phone book   CLR

3 Press [⌣].

> *Message?   T9 Abc*
> *Hello_Jhon?*
>
> NEXT   11   CLR

4. SAVE

1 Press [4GHI] to save the sent text message in the "Filed" folder.

> *Message Saved*
>
> *in 'filed'*
> *folder*

> ☑ *:OUTBOXTest1*
> ☑ *:OUTBOXTest2*
> ⧖ *:OUTBOXTest3*
> ⧖ *:OUTBOXTest4*
> SEL   PREV

5. STATE

1 Press [5JKL] to display the state of the sent message.

> *Cause_code : XX*
> *Error_class : XX*
>
>   CNCL

CH
6

74

SETTINGS

Manages messaging features through various options.

● SAVE SENT MESSAGES

Saves all sent message.

1 Press [😐][6 ᴹᴺᴼ].

Save Sent SMS
▶ No

SEL   DEL

2 Press [1].
Select one from (No/Yes/Prompt)
with the scroll key.
Press [😐].

● DEFAULT CALL BACK NUMBER

Edits a default call back number so that the recipient can call back or reply.

1 Press [😐][6 ᴹᴺᴼ].

Callback No.?

XXXXXXXXXXX
NEXT ◆ Phone Book PREV

2 Press [2 ᴬᴮᶜ].
Input a call back number.
Then press [😐].
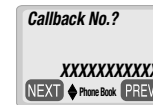
● MESSAGE ALERT

Enables phone to alert you of an incoming message.

1 Press [😐][6 ᴹᴺᴼ].

Set Bell
▶ Ringer

SEL   PREV

2 Press [3 ᴰᴱᶠ].
Select one from (Ringer/Vibrate/
Silent/Ringer & Remind/ Vibrate &
Remind) with the scroll key.

> Ringer & Remind or Vibrate & Remind rings or
> vibrates respectively every 2 minutes to remind you
> of an incoming message. They will be cleared
> when any key is pressed.

3 Press [😐].

76

MESSAGE LOG

This function logs the number of sent and recevied messages.

1 Press [⌣][6^MNO][7^PQRS].

> *1:Incoming Log*
> *2:Outgoing Log*
> *3:Reset*
>
> SEL   PREV

INCOMING LOG

Shows you the number of received messages, among which the stored msg and the read msg informs you how many has been received and read respectively.

1 Press [⌣][6^MNO][7^PQRS][1. -].

> *Stored MSG: 000*
> *Read MSG: 000*
>
>   PREV

OUTGOING LOG

Shows you the number of sent messages.

1 Press [⌣][6^MNO][7^PQRS][2^ABC].

> *Sent MSG: 000*
>
>   PREV

RESET

Helps to reset the incoming log and the outgoing log.

1 Press [⌣][6^MNO][7^PQRS][3^DEF].

> *Reset MSG Log*
> ▶*Disabled*
>
> SEL   PREV

> DISABLED : No resetting.
> INCOMING LOG : Resetting Incoming Log.
> OUTGOING LOG : Resetting Outgoing Log.

FILED

Manages saved messages from the Inbox/Outbox.

1 Press [😊][7rons].
Select a text message with the scroll key.
Press [😊].

```
□ :TEST1
□ :TEST2
□ :TEST3
SEL        DEL
```

2 The text message is displayed.
Press [😊].

```
◐ TEXT MESSAGE ◑
From: XXX-XXX-XXXX
CB# : XXX-XXX-XXXX
02/20 09:36 am
OPTS        DEL
```

3 If the text message is saved from "Inbox" menu, this screen will be displayed.

```
1 : Reply
2 : Erase
3 : Forward
4 : Save Address
SEL        PREV
```
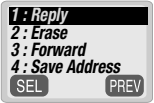
If the text message is saved from "Outbox" menu, this screen will be displayed.

```
1 : Resend
2 : Erase
3 : send to
4 : State
SEL        PREV
```

4 Select one by pressing [😊].

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6

MEMO

START INTERNET BROWSER

● ACCESS THE INTERNET

1 To start your Internet browser and access web sites through your wireless handset, press and hold [🙂].

BROWSER MENU

The browser menu lists the actions necessary to operate the browser. Press and hold [🙂] to access the browser menu.

● RELOAD

1 Press and hold [🙂], then press [1] to reload the current page.

● HOME

1 Press and hold [🙂], then press [2ABC] to display the homepage.

ADVANCED...

1 Press and hold [⌢],
then press [6MNO] to display the
Advance menu as follows.

```
Tₐₗₗ    ⊠   D Ⅲ
3   Bookmarks         ↑
4   Mark Site
5   About Openwave
6 > Advanced..
OK                 Back
```

SHOW URL

1 Press [1..] to display the URL
(Uniform Resource Locator)
of the current page.
The URL is the address of a
website.

```
Tₐₗₗ    ⊠   D Ⅲ
Browser Menu
1 > Show  URL
2   Homepage
3   Set WAP
Proxy               ↓
OK                 Back
```

HOMEPAGE

1 Press [2ABC] to change your
home page. When you start the
web browser, the page will be
launched as a home page.

```
Tₐₗₗ    ⊠   D Ⅲ
Browser Menu
1   Show  URL
2 > Homepage
3   Set WAP
Proxy
OK                 Back
```

SET UP.LINK

1 Press [3DEF] to select an
alternate UP.Link.

```
Tₐₗₗ    ⊠   D Ⅲ
Browser Menu
1   Show  URL
2   Homepage
3 > Set WAP
Proxy               ↓
OK                 Back
```

```
Tₐₗₗ    ⊠   D Ⅲ
1 > W A P   P r o x y
1
2   W A P   P r o x y
2
3   W A P   P r o x y    ↓
OK
```

RESTART UP.BROWSER

1 Press [6MNO] to clear the history of viewed pages and to start a new session with UP.Link.

```
Proxy
4    Offline Services
5    Outbox
6  > Restart
UP. Browser
OK                 Back
```

```
1 > Email / Mess
2    Portals /Se
3    Entertainm
4    News
5    Sports
OK                Inbox
```

ENCRYPTION

1 Press [7PQRS] to use for security.

```
5    Outbox
6    Restart
UP. Browser
7  > Encryption
OK                 Back
```

```
 Encryption
1  > Verify key
2    New key

OK
```

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

Read This Information Before Using Your Handheld
Portable Cellular Telephone

EXPOSURE TO RADIO FREQUENCY SIGNALS

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

> ANSI C95.1 (1992) *
> NCRP Report 86 (1986) *
> ICNIRP (1996) *

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C951).

The design of your phone complies with the FCC guidelines (and those standards).

ANTENNA CARE

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

1* : American National Standards Institute.
2* : National Council on Radiation protection and measurements.
3* : International Commission on Nonionizing Radiation Protection.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

● ELECTRONIC DEVICES

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

PACEMAKERS

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.
Persons with pacemakers :

- ALWAYS keep the phone more than six inches from your pacemaker when the phone is turned on.

- Do not carry the phone in a breast pocket.

- Use the ear opposite the pacemaker to minimize the potential for interference.

- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

OTHER MEDICAL DEVICES

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in healthcare facilities when any regulations posted in these areas instruct you to do so. Hospitals or healthcare facilities may be using equipment that could be sensitive to external RF energy.

POSTED FACILITIES

Turn your phone OFF where posted notices so require.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

● PRECAUTIONS

Your Handheld Portable Telephone is a high quality piece of equipment. Before operating, read all instructions and cautionary markings on (1) AC Adaptor (2) Battery and (3) Product Using Battery.

DO NOT use this equipment in an extreme environment where high temperature or high humidity exists.

DO NOT abuse the equipment. Avoid striking, shaking or shocking. When not using, lay down the unit to avoid possible damage due to instability.

DO NOT expose this equipment to rain or spilled beverages.

DO NOT use unauthorized accessories.

DO NOT disassemble the phone or its accessories. If service or repair is required, return unit to an authorized Audiovox cellular service center. If unit is disassembled, the risk of electric shock or fire may result.

DO NOT short-circuit the battery terminals with metal items etc.

SAR INFORMATION

THIS MODEL PHONE MEETS THE GOVERNMENT'S RE-QUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the governmentadopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.47 W/kg and when worn on the body, as described in this user guide, is 0.499 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/ oet/fccid after searching on PP4TX-21B.

FDA CONSUMER UPDATE

U.S. Food and Drug Administration -Center for Devices and Radiological Health Consumer Update on Wireless Phones

1. Do wireless phones pose a health hazard?
The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radiofrequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating ef-fects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological ef-fects. Some studies have suggested that some biological ef-fects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

2. What is FDA's role concerning the safety of wireless phones?
Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical de-vices. However, the agency has authority to take action if wire-less phones are shown to emit radiofrequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists. Although the existing scientific data do not justify FDA regula-tory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:
• Support needed research into possible biological effects of RF of the type emitted by wireless phones;
• Design wireless phones in a way that minimizes any RF ex-posure to the user that is not necessary for device function;
and
• Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.
FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:
• National Institute for Occupational Safety and Health
• Environmental Protection Agency
• Federal Communications Commission
• Occupational Safety and Health Administration
• National Telecommunications and Information Administration
The National Institutes of Health participates in some inter-agency working group activities, as well. FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones. FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF expo-sures that people get from these base stations are typically thousands of times lower than those they can get from wire-less phones. Base stations are thus not the subject of the safety questions discussed in this document.

3. What kinds of phones are the subject of this update?
The term "wireless phone" refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones.

The Project has also helped develop a series of public information documents on EMF issues. FDA and the Cellular Telecommunications & Internet Asso-ciation (CTIA) have a formal Cooperative Research and De-velopment Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic or-ganizations. CTIA-funded research is conducted through con-tracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

7. How can I find out how much radiofrequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radiofrequency energy (RF) exposures. FCC established these guidelines in consultation with FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wire-less telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electri-cal and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF expo-sure level for each model of phone to the FCC. The FCC website (http://www.fcc.gov/oet/rfsafety) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

8. What has FDA done to measure the radiofrequency en-ergy coming from wireless phones ?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radiofrequency energy (RF) exposure from wireless phones and other wireless handsets with the participation and leader-ship of FDA scientists and engineers. The standard, "Recom-mended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques," sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the mea-surement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

9. What steps can I take to reduce my exposure to radiofrequency energy from my wireless phone?

If there is a risk from these products—and at this point we do not know that there is—it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

• If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote an-tenna.

PROTECT YOUR WARRANTY

Read your Warranty carefully, with the special consideration to paragraph seven of the Limited Warranty for your unit.

"Warranty does not apply to... or to any product or part thereof which has suffered through alteration... mishandling misuse, neglect or accident".

Many companies are making look alike accessories and in some cases, promoting that their product is equal to or better than the Audiovox product. Be careful. Some of these products may not be compatible to use with your Audiovox product and may damage the unit or cause it to malfunction. If service is required on your unit and it is determined that a non-Audiovox accessory has created the problem with your unit, the Warranty will not apply. In addition, if the unit has already suffered irreversible damage by reason of a non-compatible accessory, the Warranty will be voided. To protect your Warranty, use only compatible accessories which cannot damage or interfere with the functioning of your Audiovox product.

AUDIOVOX
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12 MONTH LIMITED WARRANTY

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR AN SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

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8